Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 19 Sep 2021 until 23:59 on Monday 20 Sep 2021

Forecast Issued on Sunday 19 Sep 2021 at 04:43

Confidence: There is some uncertainty in the details of rainfall and cloud cover through Sunday and more especially Monday, but there is good agreement for a change to windier and cooler conditions through mid-week.

Headline for Sunday 19 Sep 2021: A cloudy and occasionally wet day. Poor visibility on the hills.

Mountain weather hazards on Sunday 19 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Cloudy	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability					
40%	50%	50%	30%	40%	40%

Forecast for Sunday 19 Sep 2021

Weather: Thick cloud and spells of rain affecting the hills around dawn. This will leave a wet start with cloud over the hills as well as outbreaks of rain, some of which may be on the heavy side. Drier through mid to late afternoon but a few passing showers are possible. Cloudy but mostly dry through evening.

Chance of cloud free mountain/hill tops above 600m: 30% rising 50%.

Visibility: A dull, damp and rather hazy start with spells of rain limiting visibility in the valleys to a few kilometres and fog conditions up on the hills. Areas of cloud will be widespread above around 400m. Improving through late morning as cloud lifts and rain eases, but patches will persist above 500m through the day.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 19 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SW	9/12 SW	7/11 W	9/12 W	10/15 W	9/14 W	8/14 NW
300	7/10 W	4/6 SW	5/8 W	7/11 W	7/13 NW	6/12 W	6/10 W
Valley	6/11 W	3/5 SW	4/8 W	6/11 W	7/13 NW	5/12 NW	4/9 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/8	12/11	13/11	11/9	10/8	10/8
300	13/11	12/12	15/14	15/14	14/12	12/11	11/10
Valley	14/13	13/13	16/16	16/16	14/13	12/12	11/11
Freezing Level*	2600m	2400m	2500m	2500m	2400m	2200m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for spells of heavy rain morning, mainly through the middle of the day, likely giving those in the hills a thorough soaking. Poor visibility may make navigation tricky.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 19 Sep 2021	0mm	0.2mm	0.2mm

Forecast for Monday 20 Sep 2021

Weather: There is uncertainty in the forecast for Monday as a band of cloud and rain is expected to lie just east of the Peak District and is likely to edge westwards at times. The main hazard is likely to be areas of low cloud and poor visibilty associated with this. More reliably dry and bright conditions likely west of Buxton.

Maximum wind: West or northwest 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 30% east, 70% west.

Visibility: Areas of cloud above 400m will edge westwards to affect eastern slopes while those to the west stay more reliably clear. There is some uncertainty over this, however. Spells of rain in the east will bring some haziness to lower slopes too.

Temperature: **Valleys:** Plus 12 Celsius rising to 18 Celsius.
At 600m: Around plus 12 Celsius.
Freezing level: Well above summits.

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